

REMARKS

Reconsideration of the application as amended is respectfully requested. Claims 50-66 are now pending in the application with the present amendments and are presented for the Examiner's reconsideration in view of the following remarks.

Claims 50-52, 54-56 and 58 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,199,076 B1 issued March 6, 2001 to Logan et al. ("*Logan*") in view of U.S. Patent No. 6,516,299 B1 issued February 3, 2003 to Case ("*Case*"). In addition, claims 53 and 57 stand rejected under 35 U.S.C. 103(a) as being unpatentable over *Logan*, in view of *Case*, and further in view of Official Notice.

In order for the rejection of the claims under 35 U.S.C. §103(a) to be maintained, every feature recited in the claims must be taught by the cited references. Applicants respectfully submit that this requirement has not been met. Neither *Logan* nor *Case*, nor the combination of *Logan* and *Case*, teaches the features of the presently pending claims.

As now recited in the independent claims of the application, an integrated receiver decoder (IRD) device is provided which is operable to receive a broadcast compressed digital signal. The IRD device includes a receiver operable to receive a broadcast compressed digital signal transmitted thereto over a transmission medium. The IRD device further includes an MPEG audio decoder operable to decode the received compressed digital signal to provide decoded digital audio data. The IRD device further includes a first output terminal for providing compressed digital signal to an external device through a bi-directional data communication line, and a second output terminal for providing decoded digital audio data to the external device through a one way data communication line.

The prior rejections over *Logan* and *Case* cannot be maintained. Neither *Logan* nor *Case* teaches or suggests an integrated receiver decoder device having a receiver operable to receive a signal broadcast thereto over a transmission medium. Neither does *Logan* nor *Case* teach or suggest a device including an MPEG audio decoder operable to decode the received digital signal to provide decoded digital audio data. Neither *Logan* nor *Case* teaches or suggests a device operable to provide the received compressed broadcast digital signal to an external device through a bi-directional communication line and operable to provide the decoded digital audio data to the external device through a one way data communication line.

Further, neither *Logan* nor *Case* teaches outputting a decoded digital audio data from a received broadcast compressed digital signal. *Case* merely describes a method of modifying an encoded audio signal in accordance with a playback destination. The encoded audio signal is modified with a first scale factor for one destination, and is modified with a second scale factor for another destination. The audio signal is not decoded prior to output to the external device, but remains an encoded audio signal in each case.

In addition, *Case* describes a system having only one output terminal 62 from the processor 50. As shown in FIG. 3, a single one-way communication line extends from the output terminal, which then separates at the inputs of playback destinations 56-60. Thus, *Case* fails to teach a first output terminal for providing compressed digital data on a bi-directional communication line and a second output terminal for providing decoded digital data on a one-way communication line.

Further, contrary to the Examiner's assertion, *Case* fails to teach or suggest a controller that controls the device in accordance with the connection state between the device and an external device. *Case* merely describes that the processor

modifies the encoded audio signal based on the particular destination identified for playback via control input. Case does not teach or suggest that the control input relates to the connection state between the processor and the playback destination.

Neither Logan nor Case teaches or suggests the invention as further recited in new claims 59-66. Neither reference teaches or suggests a receiver decoder having an MPEG video decoder operable to decode the received compressed digital signal to provide a decoded digital video signal for output to a display device (claims 59 and 63). Neither reference teaches or suggests a receiver decoder having a receiver operable to receive a broadcast compressed digital signal which is transmitted thereto over the air (claims 60 and 64). Neither reference teaches or suggests a receiver decoder having a tuner such that the receiver is operable to receive the over-the-air broadcast compressed digital signal at a selected frequency of a plurality of broadcast frequencies (claims 61 and 65). Neither reference teaches or suggests a receiver decoder which includes a descrambler coupled to receive output of the tuner such that the receiver is operable to descramble the over-the-air broadcast compressed digital signal (claims 62 and 66).

Support for the present amendments is provided, *inter alia*, at pg. 8, lns. 19-20, pg. 10, lns. 20-21, pg. 23, ln. 12 through pg. 24, ln. 2.

In view of the above, Applicants respectfully submit that all presently pending claims are allowable over the cited art. As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited.


If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that she telephone Applicants' attorney

at (908) 654-5000 in order to overcome any additional objections which she might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

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